

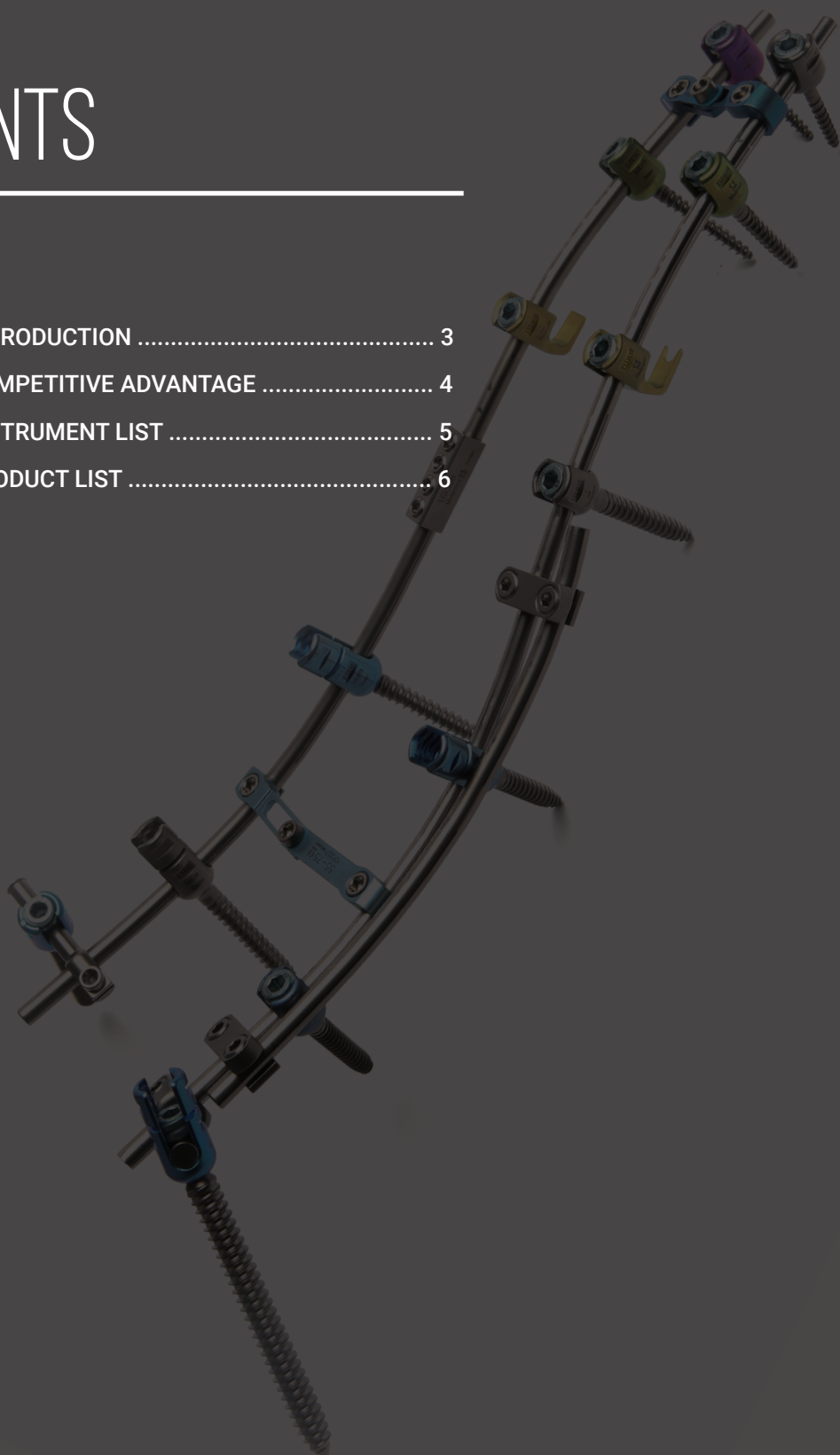
ILIAD®

Spinal Fixation System



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INTRODUCTION

ILIAD® Spinal Fixation System provides simple and comprehensive stabilization solutions for spinal fixation. The Patented Reverse **DOVETAIL** Locking System with **LINEAR SLOT** is a foundation of the ILIAD® system. This unique thread design practically eliminates cross threading, prevents splaying of the screw head and increases the holding moment up to 30Nm.

- Outside Head Diameter : 13.80mm
- Reverse Dove Tail Thread
- Linear Slot in the middle of Set Screw
- Top-Loading, Top-Tightening, Self-Tapping Screws
- Oscillation Angle up to 60°
- Anodized Color-coding of Polyaxial Pedicle Screws by Diameter
- Accomodate Both 6.0mm and 6.35mm Rods.
- Material : Ti6Al-4V ELI per ASTM F136



INDICATIONS

ILIAD® Spinal Fixation System is used for lumbar and lumbosacral degenerative pathologies for which segmental spondylolysis is indicated.

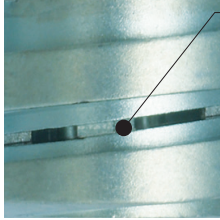
- Degenerative Disc Diseases and Instabilities
- Degenerative Spondylolisthesis
- Isthmic Spondylolisthesis
- Pseudoarthrosis or Failed Spondylolysis

CONTRAINDICATIONS

- Severe Osteoporosis
- Unstable Burst Fractures and Compression Fractures
- Destructive Tumors
- Acute Infections
- Extensive Peridural Scarring



ILIAD® SYSTEM COMPETITIVE ADVANTAGE

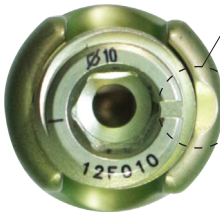


1. Linear Slot Design built into the threads allows for increase holding force during the final tightening: to increase holding force during the final tightening. The design acts like a vice grip reducing the chance of the set screw back out after final tightening.



2. Unique Dovetail Thread Design allows easy insertion while reducing the chance of cross threading.

3. Oscillation Angle up to 60°

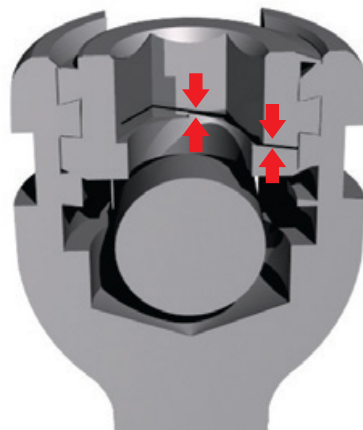


4. Starting point: When the small groove on the set screw is placed on the same line with groove on the housing, they will fit well together serving as a starting point.

LINEAR SLOT EFFECT



Provisional tightened set screw



Final tightened set screw with linear slot compressed

ILIAD® INSTRUMENT LIST

	Screw Lever NCSL-002		Insertor NNIR-002		Pedicule Marker Tip Type NCGT-002 Non-tip Type NCGN-002
	Set screw Starter Double-ended NNSO-001 Single-ended NNSS-001		Tester Double-ended NCTD-101 Single-ended NCTS-101		Torque wrench Regular NNTW-S13 Long NNTW-L03
	Anti Torque Wrench NNAT-202		Fixed Tap 4.5mm NCTT-145 5.5mm NCTT-155 6.5mm NCTT-165		Set Screw Driver (T-Wrench) Standard NNSD-S03 Long NNSD-P03
	Head Adjuster NNFD-002		Modular Tap 5.5mm NCTM-R55 6.5mm NCTM-R65 7.5mm NCTM-R75		Curved Pedicle Probe Blunt Narrow NCPN-C11 Blunt Wide NCPW-C11 Sharp Type NCPK-C11
	Rod Bender NNRB-101		Awl 10mm NCAW-L10 15mm NCAW-L15 20mm NCAW-L20 25mm NCAW-L25		Straight Pedicle Probe Blunt Narrow NCPN-S11 Blunt Wide NCPW-S11 Sharp Type NCPK-S11
	Rod Holder NNRH-002		Rod Derotator NTRD-001		Coronal Bender Left NCCB-L01 Right NCCB-R01
	Rod Rotator Hexagon Hole NCRH-001 NCRH-001 NCRH-001		Push Tap Remover NNPR-001		Rod Fork NNRF-002
	Persuader Regular Type NNPS-002 Straight Type NNPS-102		Rod Pusher NNRP-002		Crosslink Screw Driver T-handle NNCT-101 I-handle NNCD-002
	Compressor Parallel NNCO-002 Large NNCO-002L		Distractor Parallel NNDR-002 Large NNDR-002L		T-Ratchet NNRT-201
	Rod Cutter NCRC-001		Vise Grip NCVG-001		Straight Ratchet NNRI-201
	Mono-axial Screw Driver Standard NNMD-111 Cannulated NNCM-211 Long Modular NNMD-R01		Single Bender Left NTSB-L01 Right NTSB-R01		Trial Rod 200mm NCTR-200 400mm NCTR-400
	Poly-axial Screw Driver Standard NNPD-111 Cannulated NNCP-111 Long Modular NNPD-R01		ILIAD INSTRUMENT SET		

PRODUCT LIST - ILIAD® SCREW FOR 6.0 RODS

Head Diameter (mm)=13.8		Mono-axial Pedicle screw		Poly-axial Pedicle screw		
						
D(mm)	L (mm)	Mono	Reduction	Poly	Reduction	Hole Poly
4.5 	25	M04525	RM4525	PO4525	RP4525	
	30	M04530	RM4530	PO4530	RP4530	
	35	M04535	RM4535	PO4535	RP4535	
5.5 	35	M05535	RM5535	PO5535	RP5535	
	40	M05540	RM5540	PO5540	RP5540	
	45	M05545	RM5545	PO5545	RP5545	
6.5 	25	M06525	RM6525	PO6525	RP6525	HPO6525
	30	M06530	RM6530	PO6530	RP6530	HPO6530
	35	M06535	RM6535	PO6535	RP6535	HPO6535
	40	M06540	RM6540	PO6540	RP6540	HPO6540
	45	M06545	RM6545	PO6545	RP6545	HPO6545
	50	M06550	RM6550	PO6550	RP6550	HPO6550
	55	M06555	RM6555	PO6555	RP6555	HPO6555
	60	M06560	RM6560	PO6560	RP6560	HPO6560
7.5 	30	M07530	RM7530	PO7530	RP7530	HPO7530
	35	M07535	RM7535	PO7535	RP7535	HPO7535
	40	M07540	RM7540	PO7540	RP7540	HPO7540
	45	M07545	RM7545	PO7545	RP7545	HPO7545
	50	M07550	RM7550	PO7550	RP7550	HPO7550
	55	M07555	RM7555	PO7555	RP7555	HPO7555
8.5 	60	M07560	RM7560	PO7560	RP7560	HPO7560
	40	M08540	RM8540	PO8540	RP8540	HP08540
	45	M08545	RM8545	PO8545	RP8545	HP08545
	50	M08550	RM8550	PO8550	RP8550	HP08550
	60	M08560	RM8560	PO8560	RP8560	HP08560
	70	M08570	RM8570	PO8570	RP8570	HP08570
	80	M08580	RM8580	PO8580	RP8580	HP08580
	90	M08590	RM8590	PO8590	RP8590	HP08590

*Separate product list available for various sizes and other types.

The housing color only applies on poly-axial screw and the actual product colors may slightly different with color in catalogue .

ILIAD® 6.0 ROD

L (mm)	Straight		Pre-Contoured
	Ti	CoCr	
40	R60040		BR60040
50	R60050		BR60050
60	R60060		BR60060
70	R60070		BR60070
80	R60080		BR60080
90	R60090		BR60090
100	R60100		BR60100
110	R60110		
120	R60120		
130	R60130		
140	R60140		
150	R60150		
160	R60160		
180	R60180		
200	R60200		
220	R60220		
250	R60250		
270	R60270		
300	R60300	CR60300S	
400	R60400	CR60400S	
500	R60500	CR60500S	

*Hex Rods are also available

ILIAD® SET SCREW

Compatible with ILIAD screws

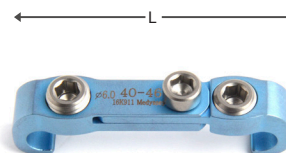


Set Screw

SA100

ILIAD® CROSS LINK

Compatible with ILIAD 6.0mm Rods



* Screw Hex : 4.0mm

L (mm)		Cross Link
41	31	CLC041 
46	35-38	CLC046 
51	40-46	CLC051 
56	45-56	CLC056 
61	50-65	CLC061 
66	55-70	CLC066 

*Bar type Cross link also available.

ILIAD® RODS

1. Titanium Alloy Rods / CoCr Rods Available
2. 6.0mm & 6.35mm Rod Diameter
3. Available in Pre-contoured and Straight Rod Configuration
4. Hexagonal Rod, Hole Rod, Stopper Rod, Tapper type rods are also available.



Stopper Rod

Straight Rods

Pre-contoured Rods



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